

- (1) culturing cells in the starting sample in a first culture medium comprising (a) a T cell mitogen, (b) interleukin-2 and (c) interleukin-4; and
- (2) culturing the cells obtained in step (1) in a second culture medium comprising (i) interleukin-2 and (ii) interleukin-4 to expand TcR $\gamma\delta^+$  T cells, wherein said second culture medium does not contain a T cell mitogen.

B<sup>1</sup>  
2. (Amended) A method for expanding TcR $\gamma\delta^+$  T cells in a starting sample comprising:

- (1) culturing cells in the starting sample in a first culture medium comprising a conditioned medium prepared by stimulating umbilical cord blood cells with mezerein and concanavalin A; and
  - (2) culturing the cells obtained in step (1) in a second culture medium comprising (i) interleukin-2 and (ii) interleukin-4 to expand TcR $\gamma\delta^+$  T cells, wherein said second culture medium does not contain a T cell mitogen.
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25. (Amended) A method according to claim 2 wherein the conditioned medium is present in an amount from about 1 to about 25%.

26. (Amended) A method according to claim 2 wherein the conditioned medium is present in an amount from about 2 to about 20%.

B<sup>2</sup>  
27. (Amended) A method according to claim 2 wherein the conditioned medium is present in an amount from about 2.5 to about 10%.

28. (Amended) A method according to claim 2 wherein the conditioned medium is present in an amount from about 5%.

29. (Amended) A method for obtaining TcR $\gamma\delta^+$  T cells from a sample from a patient with chronic myelogenous leukemia comprising:

- (1) obtaining low density mononuclear cells (LDMNC) from the sample;
- (2) depleting the cells obtained in step (1) of CD33<sup>+</sup> cells;

- β<sup>2</sup>
- (3) culturing the cells obtained in step (2) in a first culture medium comprising (a) a T cell mitogen, (b) interleukin-2 and (c) interleukin-4; and
  - (4) culturing the cells obtained in step (3) in a second culture medium comprising (i) interleukin-2 and (ii) interleukin-4 to expand TcRγδ<sup>+</sup> T cells, wherein said second culture medium does not contain a T cell mitogen.
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Please delete claims 32-47. ✓✓